



# KLINGER MILAM PSS



Klinger Milam is an asbestos free sealing material based on mica reinforced with stainless tanged insert. It is specifically designed for hot, dry gas applications up to 1000°C. However, the outstanding chemical resistance of mica makes the gasket suitable for a wide range of applications.

The Klinger group has been recognised as the market leader in gaskets and sealing for over a century. Our research and development laboratories have investigated over 250 different fibre forms in the search for asbestos free alternatives. The search has resulted in a range of high quality and high performance asbestos free materials that have been proven in service

## GENERAL PROPERTIES

- » Suitable for exhaust manifolds, turbines, turbochargers, air heat exchangers and burner ducting
- » Low weight loss at high temperatures
- » Excellent resistance to embrittlement
- » Low thermal conductivity
- » Flame retardant
- » Good chemical resistance

## TYPICAL SPECIFICATIONS

PROPERTIES	VALUES
Compressibility ASTM F36A	12-16%
Recovery ASTM F36A	35-45%
Stress relaxation DIN 52913	33MPa
Ignition loss DIN 52911	<5%
Continuous service temperature	900°C
Maximum compressive stress	100MPa
Thermal conductivity Perpendicular to plane Parallel to plane	0.5W/mK 5.0W/mK

For 1.3mm thickness material

## AVAILABILITY

- » Sheetting (m): 1.2 x 1.0
- » Thickness (mm) 1.3, 3.0

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